



Buffalo-Red Watershed Sediment Reduction



Clean Water Funds: 2012

Clean Water Grant	\$42,160
Leveraged Funds*	\$35,823
Total Project Budget	\$77,983

* Leveraged Funds include

Targeted Water:
Buffalo River

Project Sponsor:
Becker Soil and Water
Conservation District

Grant Period:
January 2012—December 2014

Project Contact:
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C12-68 - Clean Water Assistance

Project Narrative

Erosion is a serious water quality issue found throughout the Buffalo-Red River Watersheds rivers and tributaries. Excessive erosion occurs in the beach ridge area where the land naturally has excessive slopes. The beach ridge area consists of sand and gravel deposited by wave action along the shoreline of Lake Agassiz at various times as the lake level rose and fell. The sand and gravel soils, combined with the relatively steep slopes of the area can be susceptible to erosion. Good conservation practices can reduce the quantity of eroded soil transported downstream as well as keeping valuable topsoil on the land for agricultural purposes. The Buffalo River and its tributaries course through the beach ridge area of Becker County.



This project will be focused in two locations to install 11 water and sediment control basins on agricultural fields adjacent to the Buffalo River and its tributaries. The combined impact of these conservation practices will reduce sedimentation to the Buffalo River watershed by almost 1,000 tons annually.

Proposed Outcomes:

Proposed Reductions: 1130 Phosphorus lbs/year and 975 Sediment tons/year

Actual Outcomes:

Project in Progress

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PROJECT LOCATION MAP

